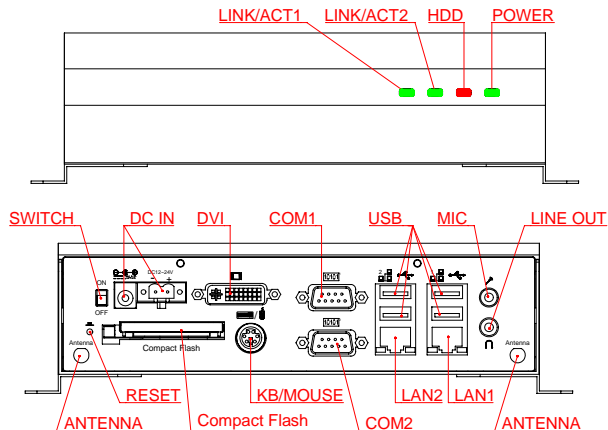
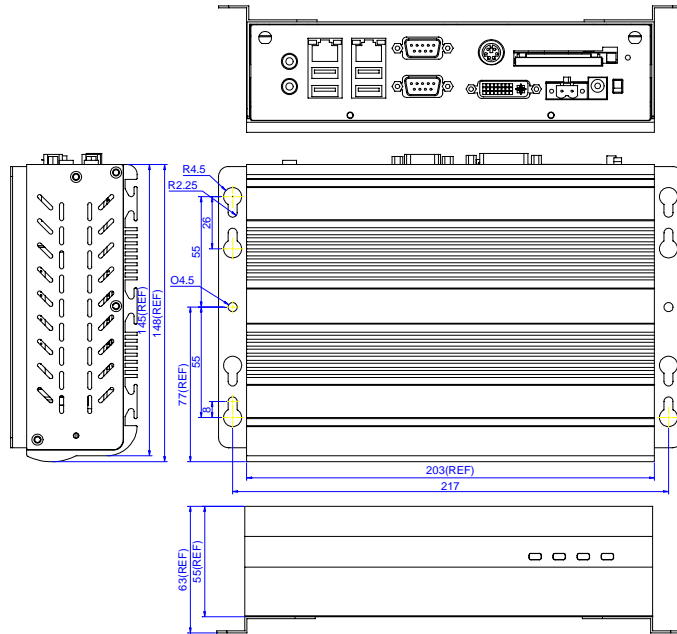


1. Brief

The FX5506 is a compact size embedded system with Intel low-power Celeron-M or C2D processor board inside. This user's quick reference provides the I/O outlets description and their pin assignment.

2. Dimensions (in mm)



3. Packing List

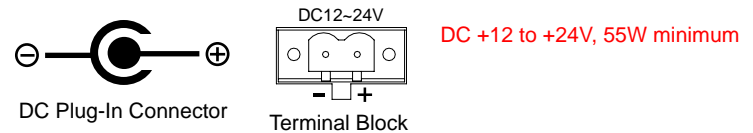
- 1 FX5506x embedded system.
- 1 AC to DC power adapter and 1 AC power code cable.
- 1 Y-type (3-end) PS/2 keyboard plus mouse port adapter cable.
- 2 SATA cables (signal & power) and screws for fixing and connecting a 2.5" hard disk drive.
- 1 DVI to CRT adapter kit. (optional)
- 1 2-pin apartable terminal block and optional 2 L-type universal fixers and screws.
- 1 compact disc includes software utilities and manuals.

4. Features

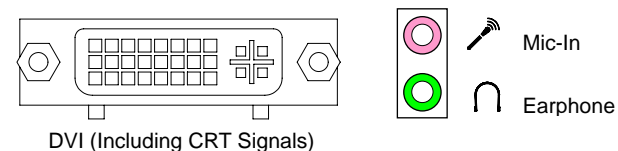
- * **Processor Board**
Intel low power Core 2 Celeron-M processor with 1GB DDR2 RAM.
- * **I/O Outlets**
Two 10/100/1000 base-TX Ethernet ports.
4 USB ports (V2.0) and 2 RS-232 serial ports.
1 DVI (including CRT) and 1 PS/2 compatible keyboard/mouse interface.
1 Earphone and 1 Microphone connectors.
1 mini card socket for mini card modules, especially for WLAN/GPRS modules.
1 DC-In plug connector and 1 terminal block with 1 power switch.
- * **Storage Bay**
1 CompactFlash socket for CompactFlash modules or MicroDrives.
One 2.5" SATA hard disk space.
- * **Power requirement**
+12 ~ +24V DC, 2.33A maximum (1.42A typical) with 19V input voltage.
- * **Dimensions**
148mm(D) x 203mm(W) x 55mm(H)

5. I/O outlets and LED Indicators

A. Power Connectors

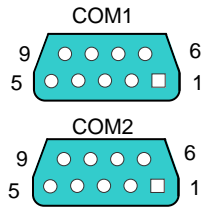
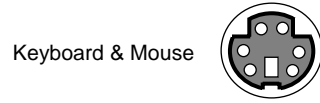


B. Video and Audio Connectors

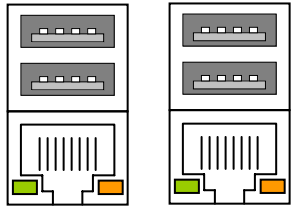


C. Keyboard/ Mouse and Serial Port Connectors

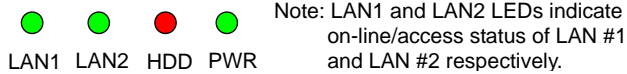
Standard PS/2 keyboard can be plugged into this connector without any adapter cable. If PS/2 keyboard and mouse will be used simultaneously, the included Y-type adapter cable is needed.



D. USB/LAN Connectors and LED Indicators (RJ45)



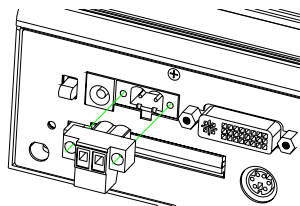
The LAN port is a RJ45 connector with 2 LEDs. The orange LED indicates data is accessing and the green LED indicates on-line status. (When lighted indicates on-line and off indicates off-line)



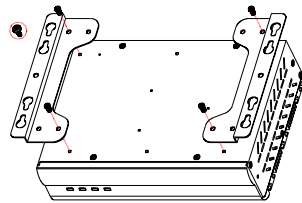
6. Software Configuration and Driver Installation

Please refer to the driver installing documentaion in the included Compact Disc for installing what device driver you need. If you need to change the system settings or configurations of I/O ports, Please refer to User's Manual (also in the included Compact Disc) for details.

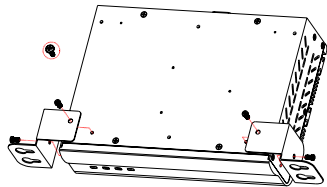
7. FX5506 Power Input and Mounting



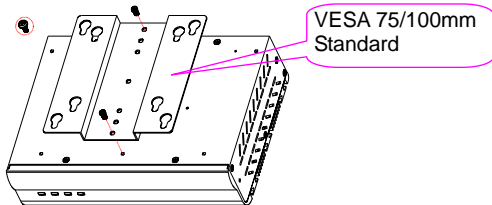
Use terminal block for power input



Wall Mounting (FX5501K1 kit)

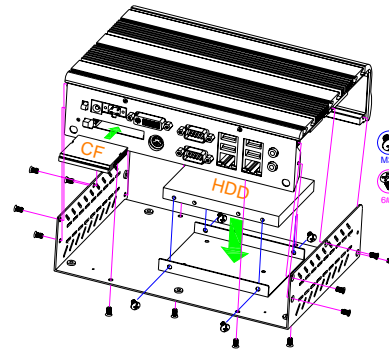


Rack Mounting (FX5501K2 kit)

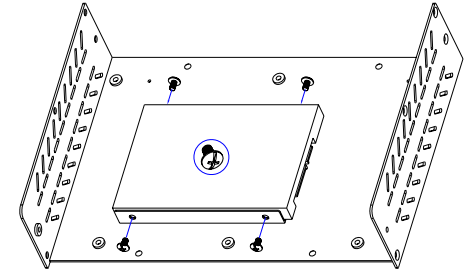


Panel Back Mounting (FX5504K1 kit)

8. Installing Devices into FX5506



Open the Bottom Cover (12 screws)



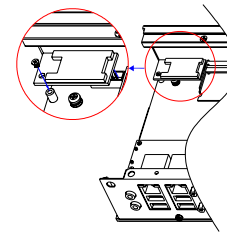
Installing SATA HDD (1 of 3)



Installing SATA HDD (2 of 3)



Installing SATA HDD (3 of 3)



Installing SIM Cards



Installing mini card Modules



Installing WLAN Antenna (1 of 2)



Installing WLAN Antenna (2 of 2, Final)



Installing DDR2 RAM Modules



Installing CompactFlash Modules

End of Document